



DOCKET NO.: T0457.70019US00


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tao T. Tao et al.
Serial No.: 10/627,330
Confirmation No.: 2277
Filed: July 25, 2003
For: AN ELECTROCHEMICAL DEVICE AND METHODS
FOR ENERGY CONVERSION

Examiner: Angela J. Martin
Art Unit: 1745

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 3rd day of July, 2007.


Signature

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office action, but before the mailing date of any final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicants hereby make the following additional information of record in the above-identified application.

The Applicants would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Atty Docket No.</u>
10/744,602	12/23/03	Tao, et al.	T0457.70010US00
11/167,079	6/24/05	Blake, et al.	T0457.70012US02
11/294,676	12/5/05	Blake, et al.	T0457.70014US01
11/800,050	5/22/07	Tao, et al.	T0457.70025US00

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified) for which the Applicants do not have an English translation.

DE 19946695 is generally directed to a fuel cell separator construction for use in batteries, using one or more intermediate plating layer and a noble plating layer layered on to the plating layer.

DE 19961496 is generally directed to a separator used in an electrochemical fuel cell comprising a conducting metal plate, a conducting coating membrane on the plate so that the separator contacts the electrode, and a stationary coating membrane.

DE 2650960 is generally directed to a method and apparatus for electrochemical generation of power from hydrogen.

DE 367151 is generally directed to a high temperature fuel cell.

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

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An early and favorable action is hereby requested.

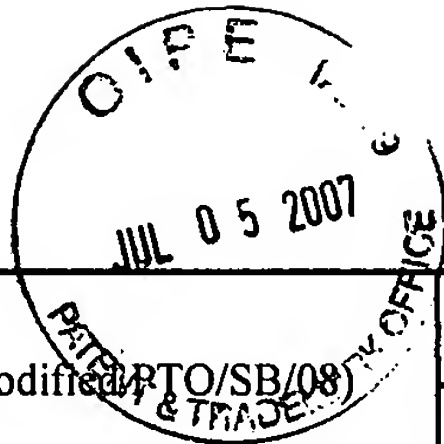
Respectfully submitted,

By:



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Docket No.: T0457.70019US00
Date: July 3, 2007
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FORM PTO-1449/A and B (modified PTO/SB/08)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICATION NO.: 10/627330

ATTY. DOCKET NO.: T0457.70019US00

FILING DATE: July 25, 2003

CONFIRMATION NO.: 2277

APPLICANT: Tao T. Tao et al.

GROUP ART UNIT: 1745

EXAMINER: Angela J. Martin

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U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		2002/0015871	A1	Tao	02-07-2002
		2002/0015877	A1	Tao	02-07-2002
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FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/627330		ATTY. DOCKET NO.: T0457.70019US00			
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				APPLICANT: Tao T. Tao et al.					
				GROUP ART UNIT: 1745		EXAMINER: Angela J. Martin			
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FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
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<div>FORM PTO-1449/A and B (modified PTO/SB/08)</div> <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div>				APPLICATION NO.: 10/627330		ATTY. DOCKET NO.: T0457.70019US00	
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				GROUP ART UNIT: 1745		EXAMINER: Angela J. Martin	
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OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		ALBERTY, R.A., "Electrochemical Cells Fuel Cells," <i>Physical Chemistry</i> (6 th Ed.), pp. 228-229 (1983)	
		GRANT ABSTRACT, "Novel Carbon Ion Fuel Cells," P/METC-DE-FG22-93PC93219, Duke Univ.	
		GRANT ABSTRACT, "Novel Carbon Ion Fuel Cells," P/PETC-FG22-93PC93219, Duke Univ.	
		GUR et al., "Direct Electrochemical Conversion of Carbon to Electrical Energy in a High Temperature Fuel Cell," <i>J. Electrochem.</i> , Vol. 139, No. 10 pp. L95-L97 (1992)	
		LU et al., "Development of solid oxide fuel cells for the direct oxidation of hydrocarbon fuels," <i>Solid State Ionics</i> , Vol. 152, pp. 383-397 (2002)	
		WEAVER et al., "Direct use of coal in a fuel cell: feasibility investigation," <i>Chemical Abstracts</i> , 180031, Vol. 85, No. 24, p. 146	
		YENTEKAKIS et al., "A Novel Fused Metal Anode Solid Electrolyte Fuel Cell for Direct Coal Gasification: A Steady-State Model," <i>Ind. Eng. Chem. Res.</i> , Vol. 28, pp. 1414-1424 (1989)	

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]